

AMENDMENTS TO THE CLAIMS

1.-20. (Canceled)

21. (Currently amended) A method for diagnosing psoriasis in assessing the immunolegical potential of a subject, said method comprising:

obtaining a peripheral blood sample from said subject comprising T-cells, and subjecting the sample to cell surface discrimination means to

determining an amount of T-cells in the sample that express CD4, CMRF-35 and CXCR3 cell surface markers determine the presence, absence or level of CD4⁺ T-cells, wherein a reduction in the number of T-cells expressing the cell surface markers in the sample as compared to the number of T-cells expressing the cell surface markers in a peripheral blood sample from a normal subject indicates that the subject has or is at risk of developing psoriasis selected from the list consisting of:

CMRF-35++ CD45RO+;

CMRF-35+ CD45RO+;

CMRF-35- CD45RO+;

CMRF-35+ CD45RO-; and

CMRF-35- CD45RO- T-cells.

22. (Original) The method of Claim 21 wherein the subject is a mammal.

23. (Original) The method of Claim 22 wherein the mammal is a human.

24.-36. (Canceled)

37. (Currently amended) The method of claim 21, wherein said CD4⁺ T cells also express CD45RO cell surface marker are CMRF-35++ CD45RO⁺ CXCR3⁺ T cells.